

MI/RR IPM - Feature #18631

IPM State does not change on I33

12/28/2017 09:05 AM - Denton Morris

Status:	Closed	Start date:	12/28/2017
Priority:	Normal	Due date:	
Assignee:	Elliott McCrory	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	1.70 hour
Description			
During the activation of a spec the state of the IPM never changes on I33 (upper right hand corner). The state properly changes when observed on a parameter page or the datalogger.			

History

#1 - 12/28/2017 10:03 AM - Elliott McCrory

When I tried this, the value of "F.E. Active Spec" successfully changed on the application page (using MI H 104). There was a delay of about 2 seconds from when the 1Hz FTP of this device (I:4HMAS) changed and when the data on the application changed. This could account for what you observed.

#2 - 12/28/2017 11:31 AM - Denton Morris

Elliott McCrory wrote:

When I tried this, the value of "F.E. Active Spec" successfully changed on the application page (using MI H 104). There was a delay of about 2 seconds from when the 1Hz FTP of this device (I:4HMAS) changed and when the data on the application changed. This could account for what you observed.

That may be but I should have mentioned that the IPM state always reads zero, when it's most often in state 4 (data acquired) for extended periods of time following a successful acquisition of data.

Side note: It looks like the state definitions have been deleted? State numbers are still reported but viewing via D88 shows no state info.

#3 - 12/28/2017 11:41 AM - Elliott McCrory

- File *GxSA_Fast_Time_Plot.gif* added
- Assignee changed from Elliott McCrory to David Slimmer
- % Done changed from 0 to 30

Is the readback from the state device of the IPM not working? For example, running Spec 11 on "MI H 104" and plotting the spec number and the IPM status versus time, attached.

#4 - 12/28/2017 11:53 AM - Denton Morris

- File *2017-12-28.11.53.01.138.png* added

Elliott McCrory wrote:

Is the readback from the state device of the IPM not working? For example, running Spec 11 on "MI H 104" and plotting the spec number and the IPM status versus time, attached.

I plotted the state V:4RHIPM and it updates fine. See attached. The state parameter also updates on the parameter page at a 1Hz rate just fine.

#5 - 01/02/2018 10:04 AM - David Slimmer

- File *CaptureActSpec.JPG* added
- Tracker changed from Bug to Feature
- Status changed from New to Work in progress
- Assignee changed from David Slimmer to Elliott McCrory
- % Done changed from 30 to 60

The active spec device R:4HMAS is set to a non-zero value from the time the spec is activated to the time the spec completes acquisition and analysis. Typically this takes under 3 secs, so this device must be read almost immediately after the spec is activated for the device to contain the value of interest.

#6 - 01/02/2018 11:52 AM - Elliott McCrory

Trying to fix this now.

#7 - 01/02/2018 12:45 PM - Elliott McCrory

- Status changed from Work in progress to Resolved

#8 - 01/05/2018 08:36 AM - Denton Morris

- File 2018-01-05.08.34.37.192.png added

- File 2018-01-05.08.34.30.927.png added

- Status changed from Resolved to Feedback

Why is this marked resolved? It is still broken. It still reads zero 100% of the time on I33 (it's real reading is "4" 99% of the time because it's in a state of completion with "data ready".)

Also the state definitions are no longer available via ACNET states facility?

#9 - 01/05/2018 08:50 AM - Elliott McCrory

- % Done changed from 60 to 100

This issue has been fixed and is waiting for go-ahead to "mecca --commit" from MI folks.

In general, I delay doing a commit until I get approval from the "customer"

#10 - 01/05/2018 08:57 AM - Denton Morris

Elliott McCrory wrote:

This issue has been fixed and is waiting for go-ahead to "mecca --commit" from MI folks.

In general, I delay doing a commit until I get approval from the "customer"

Have you tested it on the Z page? The current Z build (2017-1-5 08:55) still does not work. If you think it's fixed please put the working version on the Z index until it's committed to I33.

#11 - 10/17/2018 01:23 PM - Elliott McCrory

- Status changed from Feedback to Closed

Files

GxSA_Fast_Time_Plot.gif	6.04 KB	12/28/2017	Elliott McCrory
2017-12-28.11.53.01.138.png	8.12 KB	12/28/2017	Denton Morris
CaptureActSpec.JPG	74.2 KB	01/02/2018	David Slimmer
2018-01-05.08.34.37.192.png	4.77 KB	01/05/2018	Denton Morris
2018-01-05.08.34.30.927.png	9.84 KB	01/05/2018	Denton Morris